

FIG. 1

ALU: Arithmetic & Logic Unit
 MAU: Multiply-Accumulate & Arithmetic Unit
 ARF: Address Register File
 ORF: Operand Register File

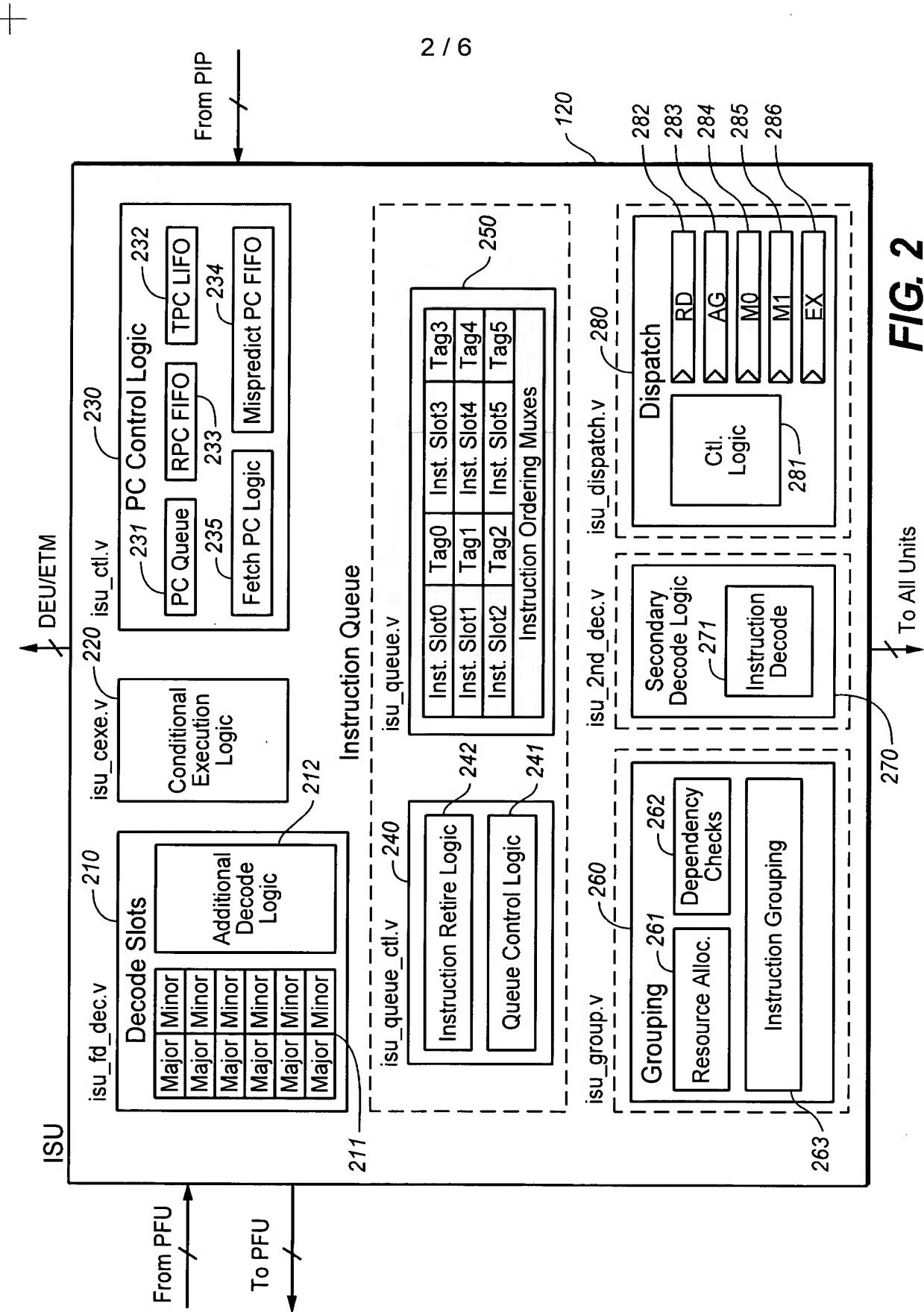
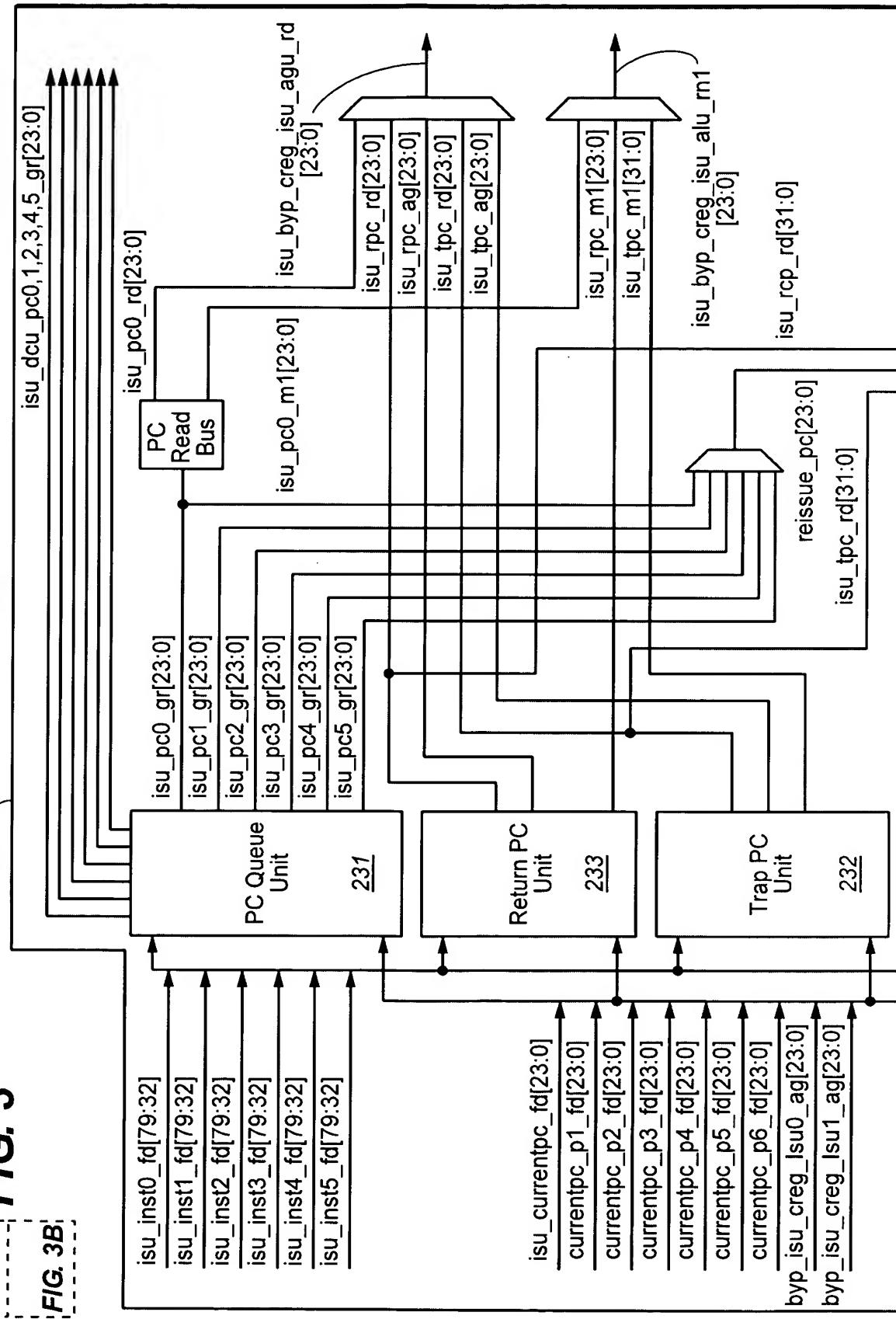


FIG. 2

FIG. 3A **FIG. 3B** **FIG. 3C**

FIG. 3A



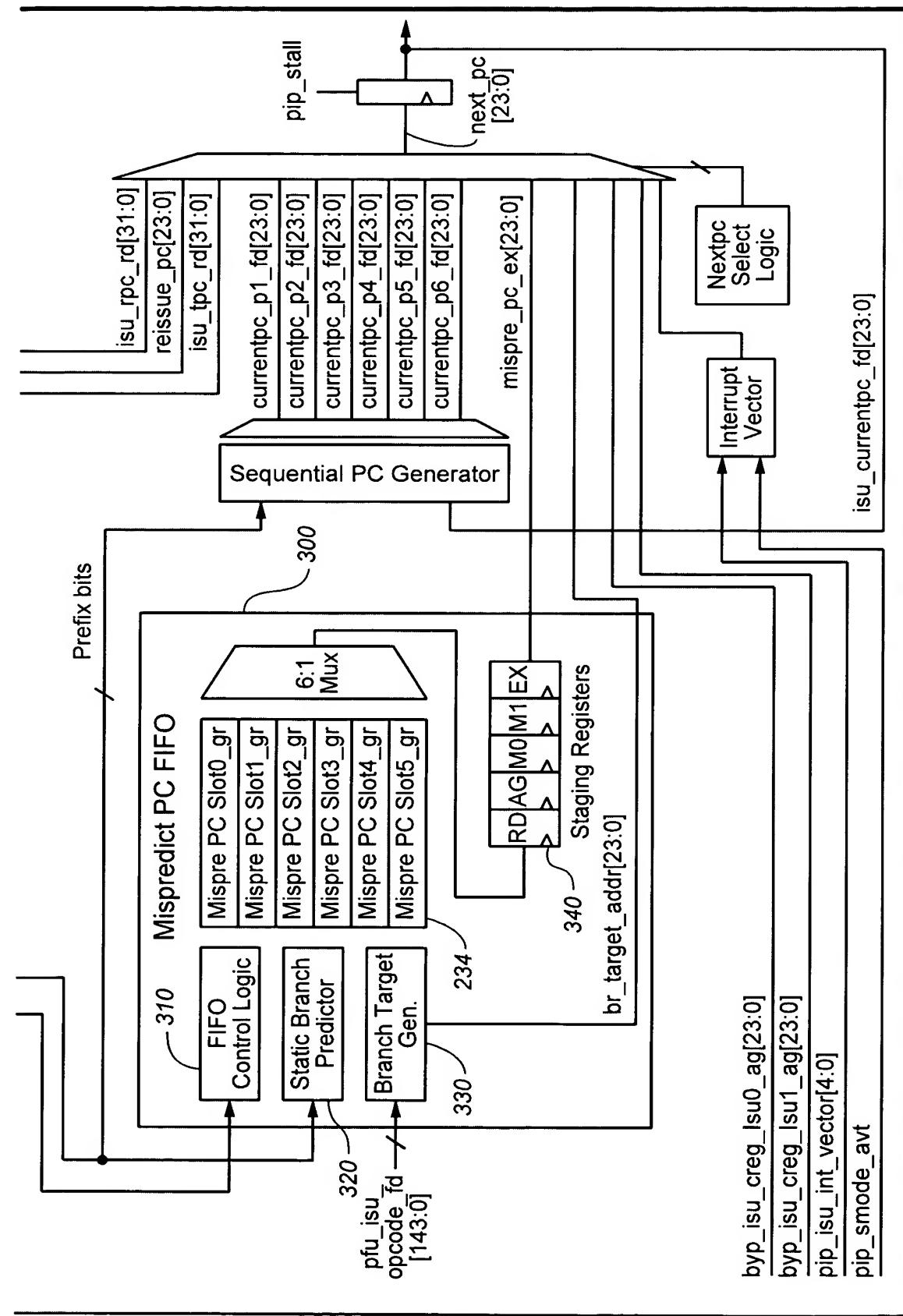


FIG. 3B

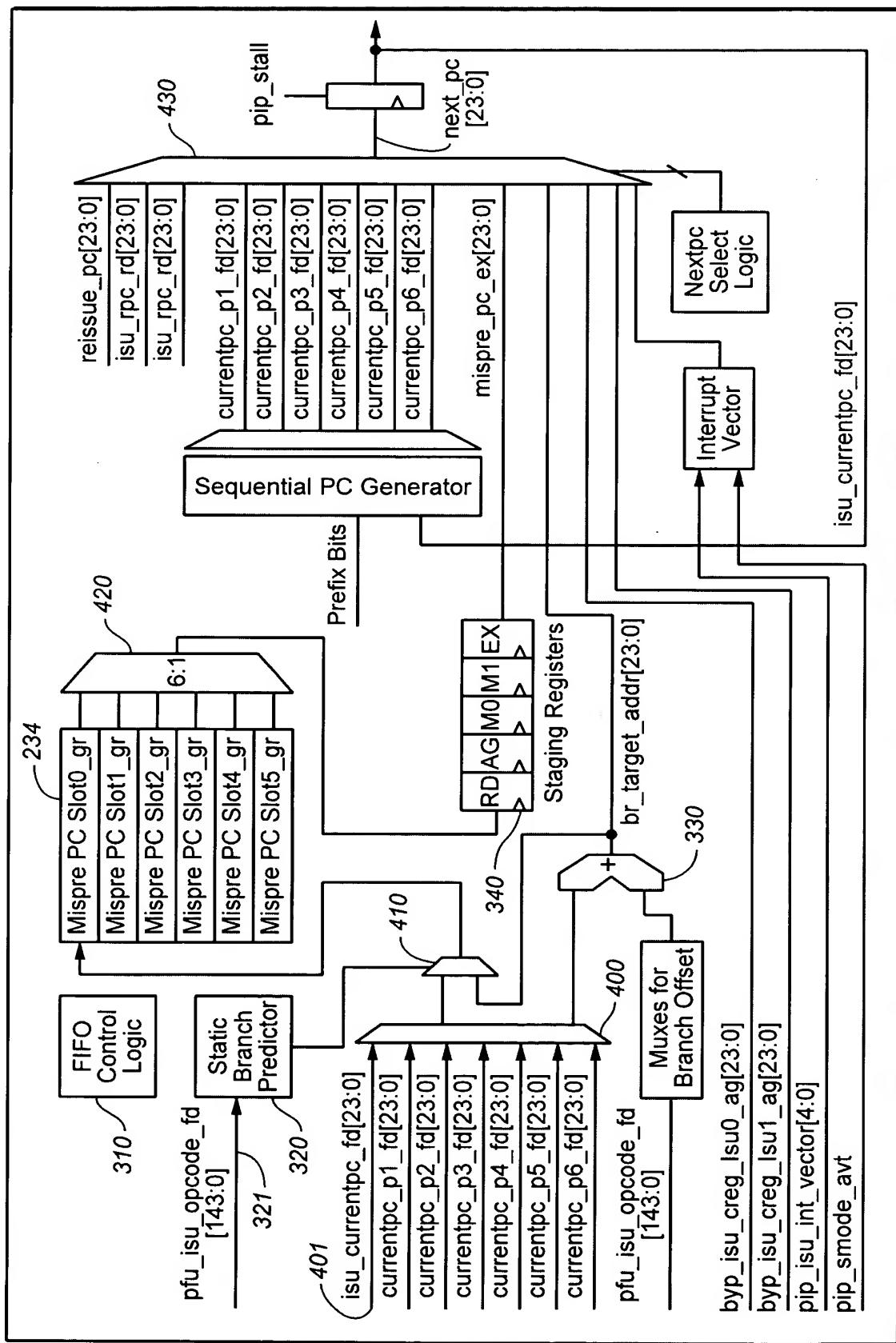
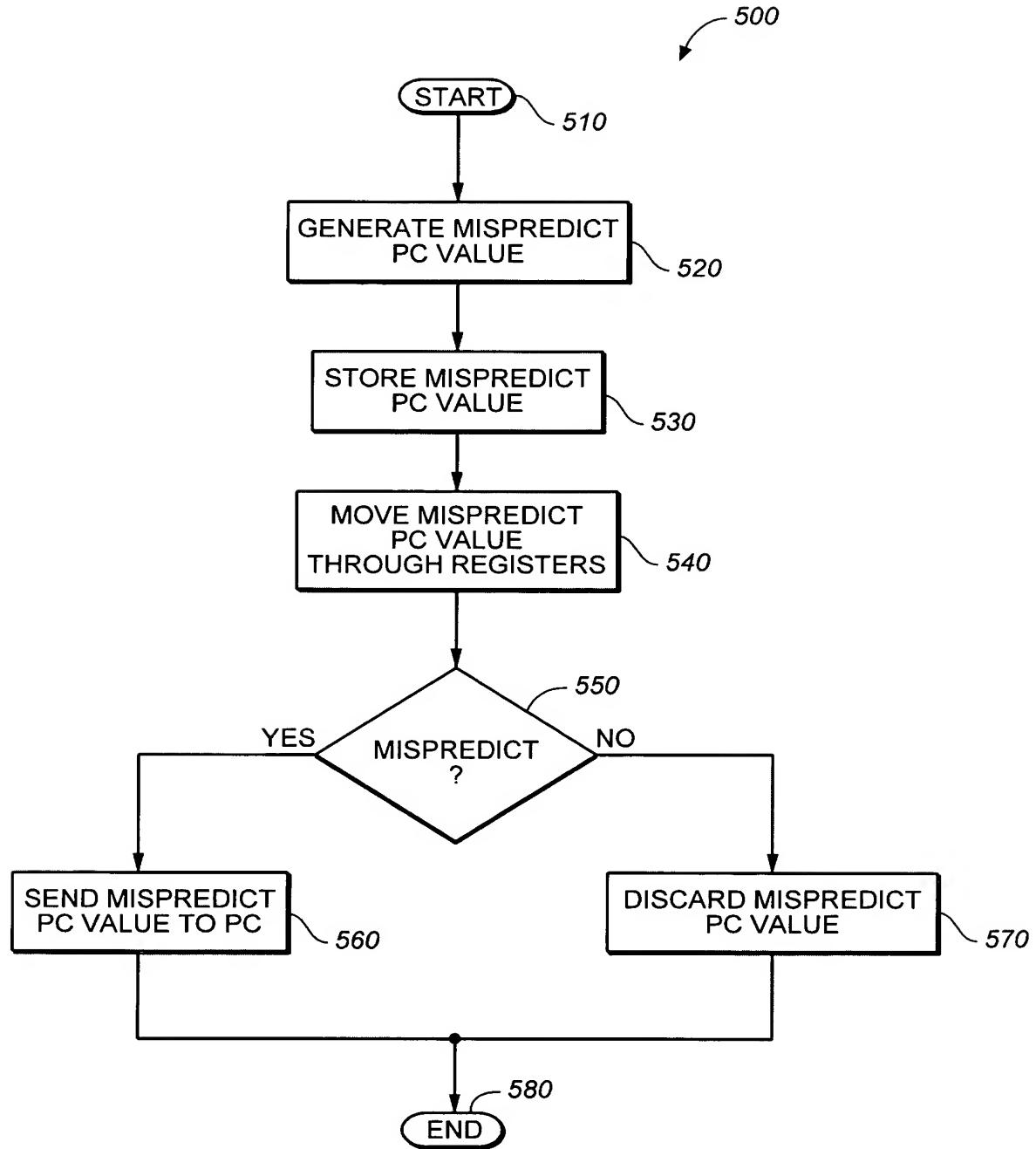


FIG. 4

**FIG. 5**